CD BioGlyco
SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-637-6119 | Email: info@bioglyco.com

Product Information

CCR2 antagonist 3, Purity ≥98%

Cat. No.: X24-07-ZQ146

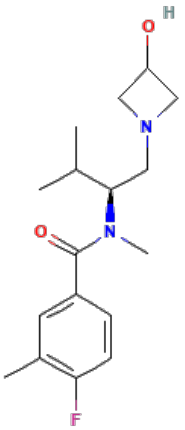
Size: 1 mg; 5 mg; 10 mg; 25 mg

CAS Number: 1380100-86-6

Compound CID: 57345449

Synonym: 1380100-86-6; CCR2 antagonist

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	CCR2 antagonist 3 specifically binds to chemokine receptors. This binding blocks the receptors and prevents the corresponding chemokines from exerting their effects on immune cells, leading to reduced chemotaxis and cell activation. It targets CCR2.
Molecular Weight	308.39
Molecular Formula	$C_{17}H_{25}FN_2O_2$
Targets	CCR2
IUPAC Name	4-Fluoro-*N*-[(2*S*)-1-(3-hydroxyazetidin-1-yl)-3-methylbutan-2-yl]-N,3-dimethylbenzamide
InChI	InChI=1S/C17H25FN2O2/c1-11(2)16(10-20-8-14(21)9-20)19(4)17(22)13-5-6-15(18)12(3)7-13/h5-7,11,14,16,21H,8-10H2,1-4H3/t16-/m1/s1
InChI Key	GAHPWXLXWUVMIV-MRXNPFEDSA-N
Canonical SMILES	CC1=C(C=CC(=C1)C(=O)N(C)C(CN2CC(C2)O)C(C)C)F
Isomeric SMILES	CC1=C(C=CC(=C1)C(=O)N(C)[C@H](CN2CC(C2)O)C(C)C)F
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	CCR2 antagonist 3 is used to investigate the interruption of CCR2, which may have roles in inflammatory and related conditions.

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Storage	Store at -20ºC, and keep desiccated.